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What is claimed is:

1. A one-part polymer grout composition comprising a silanated polymer in an amount effective to render the dried grout composition substantially water resistant.

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2. The one-part polymer grout composition of claim 1, wherein the silanated polymer comprises an acrylic latex.

3. The one-part polymer grout composition of claim 2, wherein the silanated polymer comprises a modified acrylic latex.

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4. The one-part polymer grout composition of claim 3, wherein the silanated polymer comprises a silanated styrene acrylic latex.

5. The one-part polymer grout composition of claim 4, wherein the silanated styrene acrylic latex comprises from about 5 weight % to about 40 weight % based upon the total weight of the grout composition.

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6. The one-part polymer grout composition of claim 5, wherein the silanated styrene acrylic latex comprises from about 8 weight % to about 30 weight % based upon the total weight of the grout composition.

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7. The one-part polymer grout composition of claim 6, wherein the silanated styrene acrylic latex comprises from about 10 weight % to about 20 weight % based upon the total weight of the grout composition.

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8. The one-part polymer grout composition of claim 1, wherein the grout composition once applied and dried can provide a Shore A hardness of at least about 50 after being submerged in water for seven days.

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9. The one-part polymer grout composition of claim 8, wherein the grout composition once applied and dried can provide a Shore A hardness of at least about 60 after being submerged in water for seven days.

5           10. The one-part polymer grout composition of claim 9, wherein the grout composition  
once applied and dried can provide a Shore A hardness of at least about 75 after being submerged  
in water for seven days.

10           11. The one-part polymer grout composition of claim 4, further comprising an amount of  
one or more fiber fillers effective to render the grout substantially shrinkage and/or crack resistant  
once applied to a substrate and dried.

15           12. The one-part polymer grout composition of claim 11, wherein the fiber fillers are  
provided in an amount of at least about 25 wt %, based upon the total weight of the grout  
composition.

20           13. The one-part polymer grout composition of claim 12, wherein the fiber fillers are  
provided in an amount of at least about 30 wt % based upon the total weight of the grout  
composition.

            14. The one-part polymer grout composition of claim 1, wherein the grout composition is  
also substantially stain resistant once applied and dried.

25           15. The one-part polymer grout composition of claim 14, further comprising one or more  
stain resistance additives or antimicrobial agents.

30           16.     The one-part polymer grout composition of claim 14, wherein the grout  
composition can provide a stain resistance value of at least about 2 or less, as measured and  
evaluated by Ceramic Tile Institute Stain Test CTI-T72.